

# Video Amplifier

$R_1, R_3, R_5, R_7$  - Bias Resistor: values vary  
to obtain 300 microampere collector current.

$R_1 = 270 \text{ k}\Omega \text{ TO } 820 \text{ k}\Omega \quad \frac{1}{10} \text{ w.} \quad \text{allen brodley}$

$R_3 = 680 \text{ k}\Omega \text{ TO } 1.2 \text{ M}\Omega \quad \frac{1}{10} \text{ w.} \quad "$

$R_5 = 1.2 \text{ M}\Omega \text{ TO } 1.5 \text{ M}\Omega \quad \frac{1}{10} \text{ w.} \quad "$

$R_7 = 470 \text{ k}\Omega \text{ TO } 560 \text{ k}\Omega \quad \frac{1}{10} \text{ w.} \quad "$

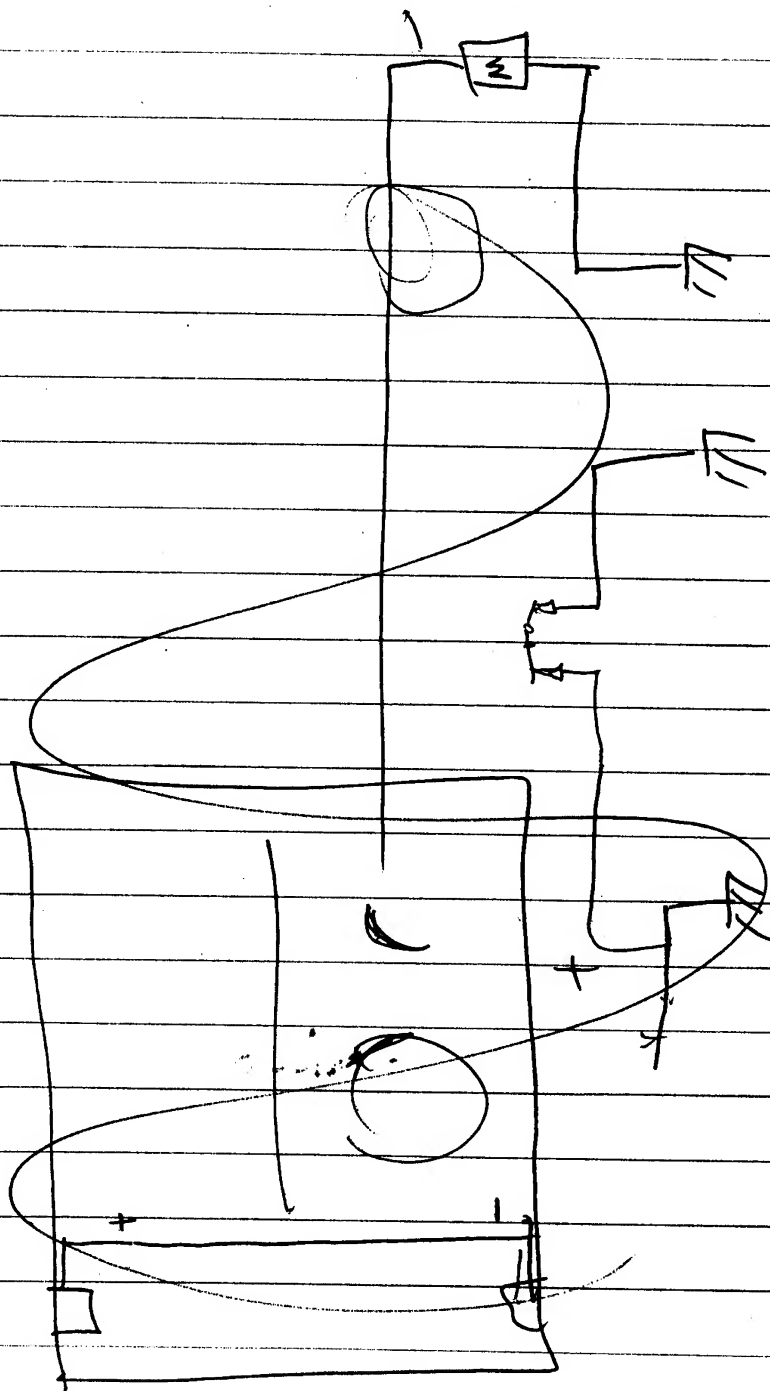
$R_2, R_4, R_6, R_8 = 2200 \Omega \quad \frac{1}{10} \text{ w.} \quad "$

$TR_1, TR_2, TR_3, TR_4 \quad \text{SB100 - Philco}$

$SQ_{\text{4}} = \text{IPC}^{\#} 46025 \quad \text{COAXIAL (MALE)}$

$P_{\text{1}} - \text{CONTINENTAL 4-20 P WITH HOOD}$

This document is not to be  
filed. It should be kept in a safe  
subjected to inspection and review.



# Video amplifier

$C_1, C_2, C_3, C_4, C_5 = 0.1 \mu\text{fd. } 25\text{v. MURON}$   
CERAMIC

$C_6 = 120 \mu\text{fd.}$

$D_1 = 1N67 \text{ HUGHES}$

# AUDIO AMPLIFIER

$R_9 - 1M\Omega$  to w. ALLEN BRADLEY

$R_{10}, R_{14} - 22K\Omega$  " "

$R_{11}, R_{15} - 150K\Omega$  " "

$R_{12}, R_{16} - 18K\Omega$  " "

$R_{13}, R_{17} - 3.9K\Omega$  " "

$R_{18} - 12K\Omega$  " "

$R_{19} - 220K\Omega$  " "

$R_{20} - 2.7K\Omega$  " "

$R_{21} - 8.2K\Omega$  " "

$S_1 =$  CONTINENTAL SOCKET 4-20 S

$P_2 =$  CONTINENTAL PLUG C5-20 P WITH HOOD

$TR_5, TR_6, TR_7 =$  2N34 SYLVANIA

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

## AUDIO AMPLIFIER

C<sub>7</sub> - 70  $\mu$ f 15V. FANSTEEL TANTALUM

C<sub>8</sub>, C<sub>10</sub>, C<sub>12</sub> - 10  $\mu$ f 100V. FANSTEEL TANTALUM

C<sub>9</sub>, C<sub>11</sub> - 0.1  $\mu$ f 25V MUCON CERAMIC

T<sub>1</sub> - ARGONNE - AR-109 - CENTER TAP REMOVED

## DEMAND

$R_{22} - 100K\Omega$  POT.

$R_{23}, R_{28}, R_{29} - 100K\Omega$  1/2 W. ALLEN BRADLEY

$R_{24} - 6.8K\Omega$  " "

$R_{25} - 18K\Omega$  " "

$R_{26} - 22K\Omega$  " "

$R_{27} - 100\Omega$  " "

$R_{30} - 200\Omega$  1 WATT

$C_{13}, C_{17}, C_{18}, C_{19} - 0.1\mu f$  25V. MUCON CERAMIC

$C_{14}, C_{15}, C_{16} - 200\mu f$  15V. TANALVM - CORNELL DUBILIER

$C_{20}, C_{21} - 2\mu f$  -100V. FANSTEEL TANTALUM

$TR_8, TR_7 - 2N34$

$RY_1, RY_2 - ELGIN - NEOMATIC RELAY - NM2K$

$SO_2 - CONTINENTAL - C5-20S$

$SO_1 - " 4-20S - WITH HOOD$

$SO_3 - CONTINENTAL 4-20P$

$M_1 - CAM DRIVE MOTOR 1/2 R.P.M. 6 Volts 70mA.$

HAYDON #FW296Z CALIBRATED RESISTOR REMOVED

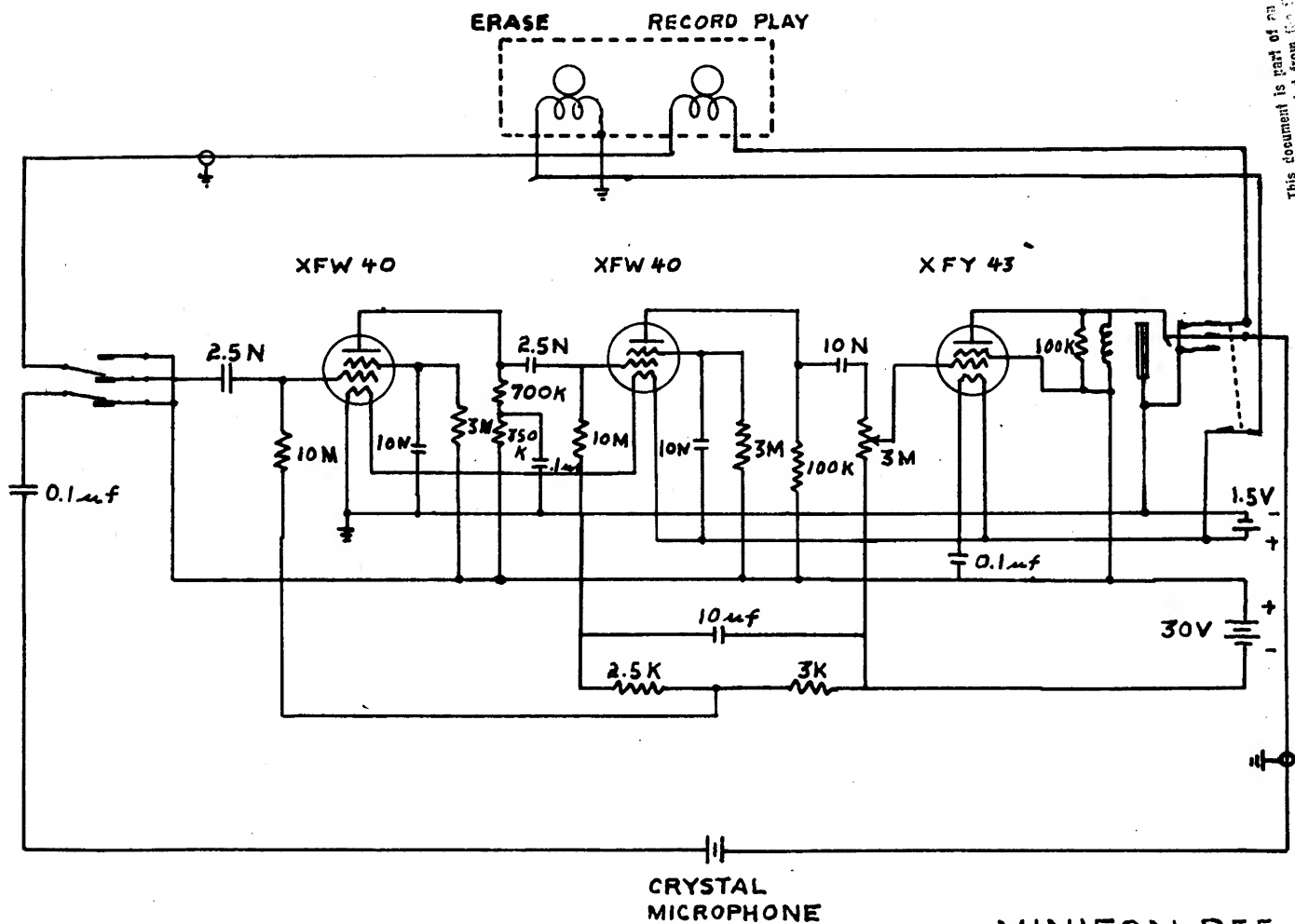
$L_1, L_2 - 100mH. 25\Omega$  CUP CORE CHOKES

$D_2 - 1N48$

$SW_1 - MICRO-SWITCH - CAM-TIME ACTUATED (ARM LEVER)$

$SW_2 - MICRO-SWITCH (BAT LEVER) POWER SWITCH$





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MINIFON P55